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[PDF] ► **Real-time Mach: Towards a predictable real-time system**

H Tokuda, T Nakajima, P Rao - Proceedings of USENIX Mach Workshop, 1990 - citeseerx.ist.psu.edu

... bounded delay ... various RISC chips, it becomes an interesting practical problem in determining the worst case **execution time** for sections ... (7) Thi: **Thread i li** ...

Cited by 343 - Related articles - View as HTML - Web Search - All 9 versions

**HRT-HOOD: A structured design method for hard real-time systems-** ► 144.32.40.18 [PDF]

A Burns, AJ Wellings - Real-Time Systems, 1994 - Springer

... However, these **threads** (once staged) **execute** irrespective of whether there are ... any of their objects' operations at any time during their **execution**. ...

Cited by 142 - Related articles - Web Search - Library Search - BL Direct - All 13 versions

**CPU reservations and time constraints: Efficient, predictable scheduling of independent activities-**

► microsoft.com

MB Jones, D Roşu, MC Roşu - ACM SIGOPS Operating Systems Review, 1997 - portal.acm.org

... of each time constraint when a **thread** submits it ... that at least the estimated amount of time has been reserved for the constraint's **execution** between the ...

Cited by 320 - Related articles - Web Search - BL Direct - All 33 versions

[book] **Real-time UML-** ► sigs.de [PDF]

BP Douglass - 1998 - Springer

... important to characterize the rendezvous patterns of cross- **thread** messaging in ... in memory for some specific period of time during the **execution** of the ...

Cited by 163 - Related articles - Web Search - BL Direct - All 5 versions

... automated implementation of executable objectoriented models for real-time embedded control systems- ► kfupm.edu.sa [PDF]

M Saksena, P Freedman, P Rodziewicz - Real-Time Systems Symposium, 1997. Proceedings., The 18th ... 1997 - leeeexplore.ieee.org

... tors to the underlying operating system's **execution** abstractions ... priorities and the scheduling of **threads** by the ... Cruise Control: An Example Real-Time System ...

Cited by 56 - Related articles - Web Search - All 16 versions

**Object-oriented real-time language design: Constructs for timing constraints**

Y Ishikawa, H Tokuda - Proceedings of the European conference on object-oriented ..., 1990 - portal.acm.org

... period, and the dead-line time of the **execution** respectively ... Those are instances of c1a.w Time. ... critical region we need a mechanism that a **thread** entering a ...

Cited by 144 - Related articles - Web Search - Library Search - All 3 versions

**Evaluating Real-Time Java features and performance for real-time embedded systems-** ► psu.edu

[PDF]

A Corsaro, DC Schmidt - Eighth IEEE Real-Time and Embedded Technology and ..., 2002 - leeeexplore.ieee.org

... anteed that there will be a separate **thread** for each ... that after an event is fired the **execution** of all its ... class, which has a real-time **thread** associated with ...

Cited by 53 - Related articles - Web Search - All 23 versions

**MiTHOS-a real-time micro-kernel threads operating system-** ► psu.edu [PDF]

F Mueller, V Rustagi, TP Baker - 16th IEEE Real-Time Systems Symposium, 1995. Proceedings., 1995 - [ieeexplore.ieee.org](http://ieeexplore.ieee.org)

... **traded for the completion of a thread's execution** ... analysis and can be set during program **execution**. ... Future Work The predictability of **time-out** handling could ...

Cited by 21 - Related articles - Web Search - All 11 versions

Evaluation of real-time synchronization in real-time mach- ► [ktupm.edu.sa](http://ktupm.edu.sa) [PDF]

H Tokuda, T Nakajima - Second Mach Symposium, 1991 - [usenix.org](http://usenix.org)

... The dura- tion of the priority inversion is **bounded** by the size of the ... Benchmark- 1 in Table 3. C.- represents the worst case **execution time** of thread Thi. ...

Cited by 45 - Related articles - Web Search - All 9 versions

Taskpair-scheduling: An approach for dynamic real-time systems

H Streich - ... and Distributed Real-Time Systems, 1994. Proceedings of the ..., 1994 - [ieeexplore.ieee.org](http://ieeexplore.ieee.org)

... MainTasks may also be subject for guaranteed **execution**. ... we do not consider **time** for run-time system activities like guaranteeing tasks, switching of **threads** etc ...

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Key authors: [H Tokuda](#) - [M Jones](#) - [T Harrison](#) - [T Nakajima](#) - [D Schmidt](#)

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